

California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program No. R1-2007-0047  
(Replaces Monitoring and Reporting Program No. R1-2003-0127)

FOR

SIERRA-PACIFIC INDUSTRIES  
2593 New Navy Base Road  
Arcata, California

Humboldt County

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of groundwater and submission of technical reports. Reports are required on an annual basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site.

Under the authority of CWC section 13267, the Discharger named above is required to comply with the following:

**MONITORING**

1. Monitoring and Reporting Program No. R1-2007-0047 only applies to those monitoring wells installed at the site for purposes related to the investigation and cleanup of the release of wood surface protection chemicals in the former dip tank area.
2. The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments annually. The results of annual elevation measurements shall be reported in tabular form indicating the surveyed elevation of the monitoring wells and the associated groundwater elevation measurements. The data generated from the elevation readings must be referenced to mean sea level.
3. All monitoring wells shall be adequately purged prior to sampling. Monitoring wells shall be considered adequately purged after a minimum of three well casing volumes have been removed from the well or after field measurements of temperature, pH, and specific conductance taken during the purging process show that all of these parameters have stabilized in groundwater to within ten percent of their previous measurements. Field data sheets shall be completed for each monitoring wells and shall clearly demonstrate the wells were adequately purged prior to sample collection. All purge water shall be stored in appropriate containers and shall be disposed of properly.
4. The following monitoring wells shall be measured on an annual basis for field parameters temperature, pH, and specific conductance. In addition, these

monitoring wells shall be sampled on an annual basis and analyzed for pentachlorophenol and tetrachlorophenol by the Canadian Pulp Method, United States Environmental Protection Agency (EPA) Method 8151M, or other method approved by the Executive Officer:

MW-1, MW-2, MW-7, MW-13D, MW-20, MW-21

5. The following groundwater monitoring wells shall be sampled on an annual basis and analyzed for dioxins and furans using EPA Method 1613 or other method approved by the Executive Officer:

MW-7, MW-20, MW-21

### **REPORTING**

Annual monitoring reports shall include annual sampling data and groundwater gradient data in tabular form, historical analytical data in tabular form, a groundwater sample location map, groundwater elevation contour maps, and a status report. Annual monitoring reports shall be submitted to this office on or before July 31 of each year.

All data and reports shall be electronically submitted in the proper format to the State Water Resources Control Board's GeoTracker database.

Ordered by \_\_\_\_\_  
Catherine E. Kuhlman  
Executive Officer

June 5, 2007

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